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The block diagram illustrates the control system for the liquid crystal display device. A central control unit (COM) is connected to several components. It sends a signal (DS) to the EC (Electro-Optic Control) block. The EC block outputs a signal (ECS) to the DCO (Digital Control Output) block. The DCO block outputs a signal (DSA) to the LCD (Liquid Crystal Display) block. The LCD block outputs a signal (MPL) to the LDC (Liquid Crystal Drive Control) block. The LDC block outputs a signal (LCS) to the BLU (Backlight Unit) block. The BLU block is connected to the LS (Light Source) block. The LCD block is also connected to the DAP (Data Access Port) block. The DAP block is connected to the PA (Pixel Array) block, which is connected to the W1 (Window 1) block. The W1 block is connected to the W2 (Window 2) block. The W2 block is connected to the LS (Light Source) block.

**(57) Abstract:** In a LCD monitor, a predetermined part (PA) of the displayed information is highlighted by causing the backlighting to produce more light. The area outside the predetermined area (PA) is kept at a substantially constant brightness by adjusting the video data driving the panel. The actual amount of light produced by the backlighting is measured to obtain a more constant brightness outside the predetermined area (PA).

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— *before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments*

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# INTERNATIONAL SEARCH REPORT

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**A. CLASSIFICATION OF SUBJECT MATTER**  
IPC 7 G09G3/34 G09G3/36

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)  
IPC 7 G09G

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO 99 23456 A (LEE BRET M ; MILLER ELLIS G (US); SENDOVA MARIANA (US)) 14 May 1999 (1999-05-14) cited in the application abstract; figures 1,2 ---	1-5
A	US 5 786 801 A (ICHISE ATSUSHI) 28 July 1998 (1998-07-28) column 4, line 9 -column 7, line 51; figures 3-5 ---	1-5
A	US 6 313 586 B1 (OKAZAKI YUTAKA ET AL) 6 November 2001 (2001-11-06) the whole document --- -/--	1-5

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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A	<p>US 6 121 950 A (MANSELL BARRY ET AL)  19 September 2000 (2000-09-19)  abstract; figures 1,4,10  column 1, line 66 -column 8, line 41  -----</p>	1-5

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